DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to these events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Records collected at crest-stage partial-record stations are presented in the following table. Discharge measurements made at miscellaneous sites and for special studies are given in separate tables.

Crest-stage partial-record stations

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device that will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained but is not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

Maximum discharge at crest-stage partial-record stations during water year 1999

Station name and number	Location and drainage area	Period of record (water years)	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
POTOMAC RIVER BASIN								
Buffalo Branch tributary near Christian, VA (01622400)	Lat 38°11′55″, long 79°13′10″, Augusta County, Hydrologic Unit 02070005, on left upstream wingwall of culvert on State Highway 42, 0.8 mi upstream from mouth, and 1.3 mi north of Christian. Datum of gage is 1,622.53 ft above sea level. Drainage area is 0.49 mi^2.	1967-99	-	<2.78	<22	9- 6-96	7.68	244
Chub Run near Stanley, VA (01629945)	Lat 38°34′31″, long 78°27′32″, Page County, Hydrologic Unit 02070005, at culvert on State Highway 689, 2.2 mi east of Stanley, and 3.1 mi upstream from mouth. Datum of gage is 1,023.05 ft above sea level. Drainage area is 3.16 mi^2.	1959-69a, 1970-99	9-30-99	.96	29	9- 6-96	>10.08	*
Crooked Run near Mt. Jackson, VA (01632970)	Lat 38°45′44″, long 78°41′06″, Shenandoah County, Hydrologic Unit 02070006, on right upstream wingwall of culvert on State Highway 263, 0.4 mi upstream from mouth, and 2.3 mi west of Mt. Jackson. Datum of gage is 962.84 ft above sea level. Drainage area is 6.49 mi^2.	1972-99	9-30-99	3.81	402	1-19-96	11.34	5,700
Pughs Run near Woodstock, VA (01633650)	Lat 38°55′48″, long 78°32′43″, Shenandoah County, Hydrologic Unit 02070006, on left upstream wingwall of culvert on State Highway 623, 4.0 mi northwest of Woodstock, and 5.4 mi upstream from mouth. Datum of gage is 1,027.27 ft above sea level. Drainage area is 3.66 mi^2.	1971-99	3-17-99	2.94	13	9- 6-96	13.39	1,100

* Discharge not determined.
< Less than.
> Greater than.
a Records provided by U.S. Department of Agriculture, Soil Conservation Service.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Maximum discharge at crest-stage partial-record stations during water year 1999--Continued

Station name and number	Location and drainage area	Period of record (water years)	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
GREAT WICOMICO RIVER BASIN								
Bush Mill Stream near Heathsville, VA (01661800)	Lat 37°52′36″, long 76°29′42″, Northumberland County, Hydrologic Unit 02080102, on right bank 12 ft upstream from bridge on State Highway 601, 2.2 mi northwest of Howland, and 3.0 mi southwest of Heathsville. Datum of gage is 22.22 ft above sea level. Drainage area is 6.82 mi^2.	1964-69‡, 1970-86‡, 1987-99	9-16-99	11.50	1,390	9-16-99	11.50	1,390
RAPPAHANNOCK RIVER BASIN								
Pony Mountain Branch near Culpeper, VA (01665050)	Lat 38°27′04″, long 77°57′24″, Culpeper County, Hydrologic Unit 02080103, at culvert on State Highway 3, 0.3 mi upstream from mouth, and 2.7 mi southeast of Culpeper. Elevation of gage is 335 ft above sea level, from topographic map. Drainage area is 0.30 mi^2.	1958-69a, 1970-99	9-30-99	2.09	80	8-16-70	4.02	196
Farmers Hall Creek near Champlain, VA (01668300)	Lat 38°00′05″, long 76°58′40″, Essex County, Hydrologic Unit 02080104, on left upstream wingwall of culvert on U.S. Highway 17, 1.0 mi upstream from Rouzie Swamp, and 1.2 mi southeast of Champlain. Datum of gage is 42.10 ft above sea level. Drainage area is 2.18 mi^2.	1966-99	9-16-99	6.67	148	8-20-69	19.2	510
PIANKATANK RIVER BASIN								
My Ladys Swamp near Saluda, VA (01669800)	Lat 37°34′34″, long 76°31′30″, Middlessex County, Hydrologic Unit 02080102, on left upstream wingwall of culvert on State Highway 629, 1.45 mi upstream from mouth, and 4.4 mi southeast of Saluda. Datum of gage is 4.16 ft above sea level. Drainage area is 4.81 mi^2.	1970-99	9-16-99	b28.4	*	9-16-99	b28.4	*
YORK RIVER BASIN								
Pamunkey Creek at Lahore, VA (01670180)	Lat 36°11′53″, long 77°58′09″, Orange County, Hydrologic Unit 02080106, on right bank on upstream side of bridge on State Highway 669, 0.45 mi south of Lahore, and 3.8 mi upstream from Lake Anna. Elevation of gage is 200 ft above sea level, from topographic map. Drainage area is 40.5 mi^2.	1989-91‡, 1992-99	3-15-99	6.64	1,150	6-27-95	17.20	6,900

* Discharge not determined.
‡ Operated as a continuous-record gaging station.
a Records provided by U.S. Department of Agriculture, Soil Conservation Service.
b From high-water marks, by Virginia Department of Transportation.

Maximum discharge at crest-stage partial-record stations during water year 1999--Continued

Station name and number	Location and drainage area	Period of record (water years)	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
YORK RIVER BASIN--Continued								
Contrary Creek near Mineral, VA (01670300)	Lat 38°03'53", long 77°52'45", Louisa County, Hydrologic Unit 02080106, on left bank 200 ft downstream from bridge on U.S. Highway 522, 4.0 mi northeast of Mineral. Elevation of gage is 275 ft above sea level, from topographic map. Drainage area is 5.53 mi^2.	1976-86‡, 1987-99	9-29-99	2.53	3.04	11-28-93	6.94	7,050
Waldrop Creek near Louisa, VA (01671650)	Lat 38°00'08", long 78°04'22", Louisa County, Hydrologic Unit 02080106 on left upstream wingwall of culvert on State Highway 632, 2.3 mi upstream from mouth, and 4.2 mi southwest of Louisa. Datum of gage is 361.41 ft above sea level. Drainage area is 2.85 mi^2.	1969-99	3-15-99	4.40	122	8-20-69	21.00	2,500
Reedy Creek near Dawn, VA (01674200)	Lat 37°52'55", long 77°21'35", Caroline County Hydrologic Unit 02080105, at bridge on U.S. Highway 301, 3.3 mi north of Dawn, and 11 mi south of Bowling Green. Drainage area is 16.8 mi^2.	1951-69, 1972-99	9-16-99	5.23	202	8-20-69	7.28	2,500
JAMES RIVER BASIN								
Jackson River at Falling Spring, VA (02012500)	Lat 37°52'36", long 79°58'39", Alleghany County, Hydrologic Unit 02080201, on right bank 20 ft upstream from Smith Bridge, 0.8 mi south of Falling Spring, and 5.5 mi north of Covington. Datum of gage is 1,333.49 ft above sea level. Drainage area is 411 mi^2.	1925-84‡, 1987-99	3-23-99	5.76	1,180	3-17-36 c1913	14.74 20	24,700 d50,000
Cowpasture River near Head Waters, VA (02015600)	Lat 38°19'30", long 79°26'14", Highland County, Hydrologic Unit 02080201, on left downstream wingwall of bridge on U. S. Highway 250, 1.2 mi west of Head Waters, and 3 mi upstream from Shaw Fork. Datum of gage is 1,985.65 ft above sea level. Drainage area is 11.3 mi^2.	1949-94, 1996-99	1-24-99	4.26	70	6-17-49	6.5	5,650
Craig Creek tributary near New Castle, VA (02017700)	Lat 37°33'21", long 79°59'52", Craig County, Hydrologic Unit 02080201, on right upstream wingwall of culvert on State Highway 606, 0.4 mi upstream from mouth, and 7.1 mi northeast of New Castle. Drainage area is 2.05 mi^2.	1968-99	9-28-99	Unknown	Unknown	11- 4-85	13.45	1,100

‡ Operated as a continuous-record gaging station.
c Maximum known historical peak outside period of record.
d Approximate.

Maximum discharge at crest-stage partial-record stations during water year 1999--Continued

Station name and number	Location and drainage area	Period of record (water years)	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
JAMES RIVER BASIN--Continued								
Renick Run near Buchanan, VA (02020100)	Lat 37°35'27", long 79°38'04", Botetourt County, Hydrologic Unit 02080201, on left upstream wingwall of culvert on Frontage Road F054 of Interstate Highway 81 between Exits 48 and 49, 2.2 mi upstream from mouth, and 4.8 mi northeast of Buchanan. Datum of gage is 1,261.85 ft above sea level. Drainage area is 2.06 mi^2.	1967-99	9-29-99	2.46	46	8-20-69	9.90	1,210
South River near Steeles Tavern, VA (02023300)	Lat 37°55'50", long 79°09'55", Augusta County, Hydrologic Unit 02080202, at bridge on State Hightway 608, 2.5 mi northeast of Vesuvius, 3 mi east of Steels Tavern, and 5 mi south of Greenville. Elevation of gage is 1,600 ft above sea level, from topographic map. Drainage area is 15.7 mi^2.	1951-99	-	<2.04	<135	8-20-69	8.70	4,700
James River at Bedford Dam near Major, VA (02024750)	Lat 37°34'40", long 79°22'36", Amherst County, Hydrologic Unit 02080203, on left bank 10 ft upstream from headgates on headrace to city of Bedford hydroelectric plant, 1.2 mi north of Major, and 1.4 mi upstream from Blue Ridge Parkway. Drainage area is 3,070 mi^2.	1989-99	1-25-99	7.55	15,100	1-20-96	14.63	104,000
Buffalo River tributary near Amherst, VA (02027700)	Lat 37°33'45", long 78°57'35", Amherst County, Hydrologic Unit 02080203, on left bank just upstream from culvert on U.S. Highway 60, 0.8 mi upstream from mouth, and 5.2 mi southeast of Amherst. Datum of gage is 583.66 ft above sea level. Drainage area is 0.46 mi^2.	1966-99	9-29-99	7.06	181	9- 6-96	7.33	196
Stockton Creek near Afton, VA (02030800)	Lat 38°01'48", long 78°48'30", Albemarle County, Hydrologic Unit 02080204, on left upstream wingwall of culvert on State Highway 6, 1.7 mi east of Afton, and 4.3 mi upstream from Stony Run. Datum of gage is 835.27 ft above sea level. Drainage area is 2.80 mi^2.	1967-99	9-29-99	7.32	401	6-21-72 11-23-92	9.68 e9.73	678 425
Muddy Run near Stanardsville, VA (02032300)	Lat 38°14'05", long 78°37'02", Albemarle County, Hydrologic Unit 02080204, on right downstream abutment of bridge on State Highway 810, 0.7 mi upstream from mouth, and 11 mi southwest of Stanardsville. Datum of gage is 756.79 ft above sea level. Drainage area is 3.36 mi^2.	1967-99	9-29-99	7.48	3,620	5-13-73 8-28-79	8.33 8.33	* *

* Discharge not determined.
< Less than.
e Affected by debris jam at upstream end of culvert.

Maximum discharge at crest-stage partial-record stations during water year 1999--Continued

Station name and number	Location and drainage area	Period of record (water years)	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
JAMES RIVER BASIN--Continued								
Moores Creek near Charlottesville, VA (02033300)	Lat 38°00′25″, long 78°34′25″, Albemarle County, Hydrologic unit 02080204, on right downstream wingwall of culvert on access road, 30 ft north of U.S. Highway 29, 2.8 mi upstream from Morey Creek, and 4 mi southwest of Charlottesville. Datum of gage is 505.40 ft above sea level. Drainage area is 3.52 mi^2.	1967-99	9-29-99	15.11	313	6- 2-79	18.74	*
Willis River at Lakeside Village, VA (02034500)	Lat 37°40′00″, long 78°10′00″, Cumberland County, Hydrologic Unit 02080205, on left bank 15 ft upstream from bridge on State Highway 690, 0.4 mi east of Lakeside Village, 6.9 mi upstream from mouth, and 7.7 mi downstream from Reynolds Creek. Datum of gage is 178.98 ft above sea level. Drainage area is 262 mi^2.	1927-86‡, 1987-99	9-16-99	10.32	1,040	6-22-72	29.80	24,000
Falling Creek near Chesterfield, VA (02038000)	Lat 37°31′21″long 77°31′21″, Chesterfield County, Hydrologic Unit 02080206, on left bank 50 ft upstream from bridge on State Highway 651,0.8 mi downstream from Licking Creek, 2.8 mi upstream from Pocoshock Creek, and 4.7 mi northwest of Chesterfield. Elevation of gage is 126.39 ft above sea level. Drainage area is 32.8 mi^2.	1955-94‡, 1996-99	9-16-99	14.20	4,310	10- 1-79	15.32	5,930
Holiday Creek near Toga, VA (02038840)	Lat 37°25′58″, long 78°41′12″, Buckingham County Hydrologic Unit 02080207, on left bank 40 ft downstream from State Forest Road 2307 (old Richmond Road), 1.8 mi upstream from confluence of North Holiday Creek, and 5.2 mi south-southwest of Toga. Datum of gage is 614.40 ft above sea level. Drainage area is 1.68 mi^2.	1971-99	9-29-99	1.46	50	6-21-72	6.72	2,820
North Holiday Creek near Toga, VA (02038845)	Lat 37°26′09″, long 78°40′04″, Buckingham County, Hydrologic Unit 02080207, on left bank 18 ft upstream from State Forest Road 2307 (old Richmond Road), 1.0 mi upstream from confluence of Holiday Creek, and 4.5 mi south-southwest of Toga. Datum of gage is 588.84 ft above sea level. Drainage area is 1.31 mi^2.	1971-99	3-14-99	1.43	26	6-21-72	6.79	1,570

* Discharge not determined.
‡ Operated as a continuous-record gaging station.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Maximum discharge at crest-stage partial-record stations during water year 1999--Continued

Station name and number	Location and drainage area	Period of record (water years)	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
JAMES RIVER BASIN--Continued								
Flat Creek near Amelia, VA (02040500)	Lat 37°23′27″, long 78°03′45″, Amelia County, Hydrologic Unit 02080207, at bridge on State Highway 681, 0.5 mi downstream from Horsepen Creek and 6.0 mi northwest of Amelia. Elevation of gage is 240 ft above sea level, from topographic map. Drainage area is 73.0 mi^2.	1947, 1954-70, 1972-99	1-28-99	8.53	1,570	4-16-87	12.38	5,260
Bailey Branch tributary at Spring Grove, VA (02042250)	Lat 37°10′29″, long 76°59′13″, Surry County, Hydrologic Unit 02080206, on right upstream wingwall of culvert on State Highway 10, 1.0 mi northwest of Spring Grove. Datum of gage is 61.39 ft above sea level. Drainage area is 0.71 mi^2.	1967-99	9-16-99	8.12	474	9-16-99	8.12	474
Jordans Branch at Richmond, VA (02042400)	Lat 37°35′10″, long 77°29′55″, Henrico County, Hydrologic Unit 02080206, on left downstream wall of bridge on U.S. Highway 250 (Broad Street), at Richmond, and 2.0 mi upstream from mouth. Drainage area is 2.53 mi^2.	1965-99	9-16-99	6.50	255	6-22-91	13.10	2,760
CHOWAN RIVER BASIN								
Falls Creek tributary near Victoria, VA (02044200)	Lat 37°02′04″, long 78°10′26″, Lunenburg County, Hydrologic Unit 03010201, at upstream end of culvert on State Highway 49, 3.6 mi northeast of Victoria. Datum of gage is 409.21 ft above sea level. Drainage area is 0.34 mi^2.	1962-99	9-15-99	8.02	275	6-21-72	9.15	343
Blackwater River tributary near Holland, VA (02050050)	Lat 36°38′44″, long 76°51′29″, Suffolk City, Hydrologic Unit 03010202, on left upstream wingwall of culvert on State Highway 272, 3.0 mi upstream from mouth, and 4.9 mi southwest of Holland. Datum of gage is 29.25 ft above sea level. Drainage area is 2.76 mi^2.	1967-99	9-16-99	10.78	784	9-16-99	10.78	784
ROANOKE RIVER BASIN								
Powells Creek near Turbeville, VA (02075350)	Lat 36°34′50″, long 79°11′20″, Halifax County, Hydrologic Unit 03010104, at culvert on U.S. Highway 58, 0.8 mi upstream from mouth, 1.1 mi east of Halifax-Pittsylvania County line, and 8.8 mi southwest of Turbeville. Datum of gage is 386.76 ft above sea level. Drainage area is 0.28 mi^2.	1958-69a, 1970-99	4- 2-99	1.28	36	7-11-65	7.86	384

a Records provided by U.S. Department of Agriculture, Soil Conservation Service.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Maximum discharge at crest-stage partial-record stations during water year 1999--Continued

Station name and number	Location and drainage area	Period of record (water years)	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
ROANOKE RIVER BASIN--Continued								
Dan River at South Boston, VA (02076000)	Lat 36°41′37″, long 78°54′09″, South Boston City, Hydrologic Unit 03010104, on left bank 100 ft upstream from Norfolk and Western Railroad bridge at South Boston. Datum of gage is 299.23 ft above sea level. Drainage area is 2,730 mi^2.	1900-07‡, 1923-52‡, 1953-62f, 1980-99f	1-25-99	21.90	*	8-16-40	31.8	81,000
Bearskin Creek near Chatham, VA (02076200)	Lat 36°50′30″, long 79°29′05″, Pittsylvania County, Hydrologic Unit 03010105, on left upstream wingwall of culvert on State Highway 57, 4.5 mi west of Chatham, and 6 mi upstream from mouth. Elevation of gage is 630 ft above sea level, from topographic map. Drainage area is 4.06 mi^2.	1967-99	-	<4.15	<218	6-29-95	19.90	2,850
Blacks Creek near Mt. Airy, VA (02076700)	Lat 36°56′40″, long 79°09′56″, Pittsylvania County, Hydrologic Unit 03010105, on left upstream wingwall of culvert on State Highway 40, 1.5 mi east of Mt. Airy, and 3.5 mi upstream from mouth. Elevation of gage is 420 ft above sea level, from topographic map. Drainage area is 3.44 mi^2.	1966-99	9-29-99	4.99	209	9- 8-87	g19.5	2,200
Roanoke River at Buggs Island, VA (02079500)	Lat 36°36′06″, long 78°17′56″, Mecklenburg County, Hydrologic Unit 03010106, on left bank 1,200 ft downstream from John H. Kerr dam, 5.3 mi upstream from bridge on U.S. Highway 1, and 6.7 mi southeast of Boydton. Datum of gage is 196.72 ft above sea level. Drainage area is 7,789 mi^2.	1947-62‡, 1963-99	12- 7-98	10.40	*	12- 7-48	h14.97	76,000
KANAWHA RIVER BASIN								
Mira Fork tributary near Dugspur, VA (03167300)	Lat 36°50′16″, long 80°35′47″, Carroll County, Hydrologic Unit 05050001, on left upstream wingwall of culvert on U.S. Highway 221, 1.3 mi upstream from mouth, and 2.2 mi northeast of Dugspur. Datum of gage is 2,602.96 ft above sea level. Drainage area is 0.62 mi^2.	1967-99	-	<2.78	<39.4	4-21-92	7.20	257

* Discharge not determined.
‡ Operated as a continuous-record gaging station.
< Less than.
f Operated as a stage-only station.
g From high-water marks.
h At different datum.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Maximum discharge at crest-stage partial-record stations during water year 1999--Continued

Station name and number	Location and drainage area	Period of record (water years)	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
KANAWHA RIVER BASIN--Continued								
Thorne Springs Branch near Dublin, VA (03168750)	Lat 37°05′30″, long 80°44′34″, Pulaski County, Hydrologic Unit 05050001, at pond dam just upstream from U.S. Highway 11, 3.3 mi southwest of Dublin, and 4.3 mi upstream from mouth. Elevation of gage is 1,975 ft above sea level, from topographic map. Drainage area is 4.77 mi^2.	1957-69a, 1970-99	5-14-99	0.59	4.90	5-28-73	8.01	2,200
BIG SANDY RIVER BASIN								
Russell Fork at Council, VA (03208040)	Lat 37°04′41″, long 82°03′56″, Buchanan County, Hydrologic Unit 05070202, on left bank 50 ft upstream from bridge on State Highway 80, 750 ft downstream from Ball Creek, 0.6 mi southeast of Council, and 4.7 mi upstream from Hurricane Creek. Elevation of gage is 1,680 ft above sea level, from topographic map. Drainage area is 10.2 mi^2.	1981-83‡, 1984-99	1-24-99	2.56	227	4-17-98	6.65	1,320
North Fork Pound River at Pound, VA (03208700)	Lat 37°07′32″, long 82°37′36″, Wise County, Hydrologic Unit 05070202, on right bank at Pound, 700 ft downstream from Stacy Branch, and 1,600 ft downstream from North Fork Pound River dam. Datum of gage is 1,500.00 ft above sea level. Drainage area is 18.5 mi^2. Prior to Oct. 1, 1965, at datum 44.88 ft higher.	1963-87‡, 1988-99	1-24-99	50.56	208	3-12-63	61.58	4,480
Pound River above Indian Creek, at Pound, VA (03208800)	Lat 37°07′26″, long 82°36′29″, Wise County, Hydrologic Unit 05070202, on left bank at Pound, 1,600 ft downstream from confluence of North and South Forks, 0.5 mi upstream from bridge on U.S. Highway 23, and 0.7 mi upstream from Indian Creek. Datum of gage is 1,535.64 ft above sea level. Drainage area is 36.7 mi^2.	1966-78‡, 1979-99	1-24-99	6.99	548	5-18-75	19.44	3,460
Pound River below Bold Camp Creek at Pound, VA (03208850)	Lat 37°07′19″, long 82°35′55″, Wise County, Hydrologic Unit 05070202, at Pound, on left bank 1,000 ft upstream from bridge on State Highway 83, 0.3 mi downstream from Bold Camp Creek, and 0.5 mi downstream from Indian Creek. Datum of gage is 1,527.36 ft above sea level. Drainage area is 61.2 mi^2.	1966-78‡, 1979-99	1-24-99	9.96	850	5-18-75	25.64	6,290

‡ Operated as a continuous-record gaging station.
a Records provided by U.S. Department of Agriculture, Soil Conservation Service.

Maximum discharge at crest-stage partial-record stations during water year 1999--Continued

Station name and number	Location and drainage area	Period of record (water years)	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
BIG SANDY RIVER BASIN--Continued								
Pound River near Georges Fork, VA (03208900)	Lat 37°09′51″, long 82°31′30″, Dickenson County, Hydrologic Unit 05070202, on right bank 50 ft upstream from bridge on State Highway 624, 150 ft upstream from Camp Creek, and 2.6 mi northwest of Georges Fork. Datum of gage is 1,470.39 ft above sea level. Drainage area is 82.5 mi^2.	1964-82‡, 1983-99	1-24-99	5.67	901	5-18-75	14.91	10,900
Russell Fork at Bartlick, VA (03209200)	Lat 37°14′45″, long 82°19′25″, Dickenson County, Hydrologic Unit 05070202, on left bank at Bartlick just upstream from bridge on State Highway 611, 0.2 mi downstream from Pound River, and 1.1 mi upstream from Fall Branch. Datum of gage is 1,165.00 ft above sea level. Drainage area is 526 mi^2.	1963-82‡, 1983-99	1-24-99	11.22	3,740	4- 4-77	27.55	50,000
Knox Creek at Kelsa, VA (03213590)	Lat 37°27′02″, long 82°03′34″, Buchanan County, Hydrologic Unit 05070201, on downstream end of right bridge pier on State Highway 697, 0.3 mi downstream from Pawpaw Creek, 0.8 mi northeast of Kelsa, and 10.0 mi upstream from mouth. Elevation of gage is 945 ft above sea level, from topographic map. Drainage area is 84.3 mi^2.	1980-81‡, 1982-99	1-24-99	5.22	1,380	5- 7-84	20.2	13,000
TENNESSE RIVER BASIN								
Cedar Creek near Meadowview, VA (03475600)	Lat 36°44′50″, long 81°51′20″, Washington County, Hydrologic Unit 06010102, on left downstream wingwall of culvert on U.S. Highway 11, 1.2 mi south of Meadowview, and 2.5 mi upstream from mouth. Datum of gage is 2,034.66 ft above sea level. Drainage area is 3.38 mi^2.	1967-99	-	<5.29	<13.7	7-10-71	7.54	92
Lick Creek near Chatham Hill, VA (03487800)	Lat 36°57′44″, long 81°28′21″, Smyth County, Hydrologic Unit 06010101, on left bank 270 ft upstream from bridge on State Highway 42, 2.9 mi northeast of Chatham Hill, and 1.6 mi upstream from mouth. Datum of gage is 2,076.97 ft above sea level. Drainage area is 25.5 mi^2.	1966-68‡, 1969-99	1-15-99	3.93	482	11- 7-77	8.09	2,660
Brumley Creek at Brumley Gap, VA (03488450)	Lat 36°47′30″, long 82°01′10″, Washington County, Hydrologic Unit 06010101, on left downstream wingwall of bridge of State Highway 611, 0.2 mi upstream from mouth, 0.8 mi southeast of Brumley Gap, and 2.7 mi downstream from Lee Creek. Datum of gage is 1,489.16 ft above sea level. Drainage area is 21.1 mi^2.	1979-81‡, 1982-99	Unknown	Unknown	Unknown	5- 7-84	6.60	1,500

‡ Operated as a continuous-record gaging station.
< Less than.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Maximum discharge at crest-stage partial-record stations during water year 1999--Continued

Station name and number	Location and drainage area	Period of record (water years)	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
TENNESSEE RIVER BASIN--Continued								
Cove Creek near Shelleys, VA (03489800)	Lat 36°39′13″, long 82°21′16″, Scott County, Hydrologic Unit 06010101, on right downstream wingwall of bridge on U.S. Highway 58 and 421, 1.5 mi northwest of Shelleys, and at mile 3.3. Datum of gage is 1,381.53 ft above sea level. Drainage area is 17.3 mi^2.	1951-99	3- 4-99	3.83	291	3-12-63	8.40	2,500
North Fork Holston River near Gate City, VA (03490000)	Lat 36°36′31″, long 82°34′05″, Scott County, Hydrologic Unit 06010101, on left bank 75 ft upstream from bridge on U.S. Highway 23, 1.6 mi downstream from Big Mountain Creek, 2.1 mi southeast of Gate City, and at mile 8.8. Datum of gage is 1,197.56 ft above sea level. Drainage area is 672 mi^2.	1932-81‡, 1982-99j	3- 4-99	6.92	5,670	4- 5-77 c1862	19.79 j22.5	41,000 j54,000
Clinch River at Richlands, VA (03521500)	Lat 37°05′10″, long 81°46′52″, Tazewell County, Hydrologic Unit 06010205, on right bank 1.0 mi southeast of Richlands, 1.6 mi downstream from Middle Creek, 2.2 mi upstream from Big Creek, and at mile 321.0. Datum of gage is 1,924.08 ft above sea level. Drainage area is 137 mi^2.	1946-89‡, 1990-99	1-24-99	6.27	1,640	6-22-01	j21.3	j11,500
Guest River at Coeburn, VA (03524500)	Lat 36°55′45″, long 82°27′23″, Wise County, Hydrologic Unit 06010205, on right bank 30 ft downstream from bridge on State Highway 72, 1.0 mi southwest of Coeburn, 1.4 mi upstream from Jaybird Branch, 1.8 mi downstream from Pine Camp Creek, and at mile 6.3. Datum of gage is 1,935.80 ft above sea level, Drainage area is 87.3 mi^2.	1950-59‡, 1960-78, 1979-81‡, 1982-99	1-24-99	6.29	1,240	4- 5-77	20.95	18,000
Stony Creek at Ka, VA (03524900)	Lat 36°48′57″, long 82°37′02″, Scott County, Hydrologic Unit 06010205, at Ka, on left bank 300 ft upstream from bridge on State Highway 619, 600 ft downstream from Straight Fork, and 4.2 mi upstream from mouth. Elevation of gage is 1,510 ft above sea level, from topographic map. Drainage area is 30.9 mi^2.	1981‡, 1982-99	-	<5.03	<1,440	5- 7-84	7.31	8,010
Copper Creek near Gate City, Va. (03526000)	Lat 36°40′26″, long 82°33′57″, Scott County, Hydrologic Unit 06010205, on right bank on upstream end of old bridge pier, 50 ft upstream from bridge on State Highway 619, 0.2 mi upstream from Plank Camp Creek, 1.1 mi downstream from Obeys Creek, and 2.6 mi northeast of Gate City. Datum of gage is 1,301.95 ft above sea level. Drainage area is 106 mi^2.	1948-72‡ 1973-95 1996-98‡ 1999	-	<7.32	<1,360	4- 5-77	13.57	7,660

‡ Operated as a continuous-record gaging station.
< Less than.
c Maximum known historical peak outside period of record.
j Records provided by Tennessee Valley Authority.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Maximum discharge at crest-stage partial-record stations during water year 1999--Continued

Station name and number	Location and drainage area	Period of record (water years)	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)

FOOTNOTES FOR CREST-STAGE PARTIAL-RECORD STATIONS: 1999 water year

* Discharge not determined.
‡ Operated as a continuous-record gaging station.
< Less than.
> Greater than.
a Records provided by U.S. Department of Agriculture, Soil Conservation Service.
b From high-water marks, Virignia Deprtment of Transportation.
c Maximum known historical peak outside period of record.
d Approximate.
e Affected by debris jam at upstream end of culvert.
f Operated as stage-only station.
g From high-water marks.
h At different datum.
j Records provided by Tennessee Valley Authority.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Maximum discharge at crest-stage partial-record stations during water year 1999--Continued

Station name and number	Location and drainage area	Period of record (water years)	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)